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DIVISION OF
OIL GAS & MINING

NIELSON CONSULTING GROUP
858 SOUTH 300 WEST
OREM, UTAH 84058

August 23, 1992

Mr. Steve Powell
Chimney Rock Resources
P.O. Box 602
Orangeville, Utah 84537

Mr. Powell:

Please find enclosed your copies (2) of the Upper Price Canyon limestone quarry cultural resource inventory. Briefly, NCG recorded a single historic site (42Ut 863). The site is not significant. It is the opinion of NCG that your project will have no effect on the region's cultural resource data base. No further research or mitigation is recommended.


State Lands and Forestry has not yet reached a review agreement with the Division of State History. It will be necessary for you to submit a copy of the report directly to:

Mr. James L. Dykman, Compliance Coordinator,
Utah State Historic Preservation Office
300 Rio Grande
Salt Lake City, Utah 84014-1182

For your information, copies of this report have been forwarded to: Mr. Kenneth L. Wintch, Archaeologist-Utah State Department of Land and Forestry; Mr. Jerry Mansfield, Mineral Resources Specialist-Utah State Lands and Forestry; and Mr. James L. Dykman, Compliance Coordinator, Utah State Historic Preservation Office.

If you have any questions about the report or the recommendations, please feel free to contact us. We appreciate the opportunity of serving Chimney Rock Resources and we wish you the best with the project.

Sincerely,



Asa S. Nielson
Principal Investigator
Nielson Consulting Group

INVOICE NO. 92-50

AUGUST 24, 1992

**NIELSON CONSULTING GROUP
858 SOUTH 300 WEST
OREM, UTAH**

FEDERAL TAX NUMBER 528-72-3894

SOLD TO: Chimney Rock Resources SHIPPED TO: Steve Powell
P.O. Box 602
Orangeville, Utah

RE:Upper Price Canyon Limestone-Cultural Resource Inventory

FIELD

Principal Investigator	1 day	@ 160.00p/d	\$160.00
Field Assistant	1 day	75.00p/d	75.00
Mileage	114	.30p/m	43.20
USHPO Lit Search			20.00

REPORT

Principal Investigator	1 day	160.00p/m	160.00
Tech Type/Drafting	.25 day	100.00p/d	25.00
Misc (mail, copy, photo etc.)			<u>18.50</u>
	PROJECT SUBTOTAL		501.70
NCG business overhead	23% of Subtotal		<u>115.39</u>
	TOTAL PROJECT COSTS DUE NCG		617.09

PLEASE MAKE CHECK PAYABLE TO: NIELSON CONSULTING GROUP
858 SOUTH 300 WEST
OREM, UTAH 84058

NET 30-1.5% INTEREST 2ND BILLING

Summary Report of
Inspection for Cultural ResourcesReport Acceptable Yes ☒ No ☐Mitigation Acceptable Yes ☐ No ☐

Comments: _____

Report Title CHIMNEY ROCK LIMESTONEDevelopment Company Chimney Rock ResourcesReport Date 08 23 1992

4. Antiquities Permit No. _____

Responsible Institution Utah Division of Cultural Resources County UtahFieldwork Location: TWN 11 S Range 09 E Section(s) 32TWN 78 Range 82 Section(s) 86 87Resource Area 110 III TWN 94 Range 98 Section(s) 102 103

PO= PONY EXPRESS, BR= BEAR RIVER, PR= PRICE RIVER, WS= WARM SPRINGS

BC= BOOK CLIFFS, HR= HOUSE RANGE, SE= SEVIER RIVER

HM= HENRY MOUNTAINS, BE= BEAVER RIVER, DX= DIXIE

KA= KANAB, ES= ESCALANTE, SJ= SAN JUAN, GR= GRAND

SR= SAN RAFAEL, DM= DIAMOND MOUNTAIN

Fill in spaces 65, 69, 81, 85, 97, 101 Only if:
V= Vernal Meridian
H= Half TownshipDescription of Examination Procedures: 20m. wide, parallel transects, compass guided9. Linear Miles Surveyed and/or 112 117Definable Acres Surveyed and/or 65 118 123* Legally Undefinable Acres Surveyed 124 129

(*A parcel hard to cadastrally locate i.e., center of section)

10. Inventory Type 1 130R= Reconnaissance
I= Intensive
S= Statistical Sample1. Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 1 131 135
No sites = 0Single historic camp - 4200 863
NO isolated artifacts13. Collection: Y Y= Yes, N= No
1364. Actual/Potential National Register Properties Affected: NONE5. Literature Search, Location/Date: 08-22-90 USHAB-SIC6. Conclusion/Recommendations: Project will have no effect on regions
cultural resource data base - no further
research or mitigation recommended7. Signature of Administrator & Field Supervisor: Administrator [Signature]Field Supervisor [Signature]

*For extra locationals use additional 8100-3 forms.

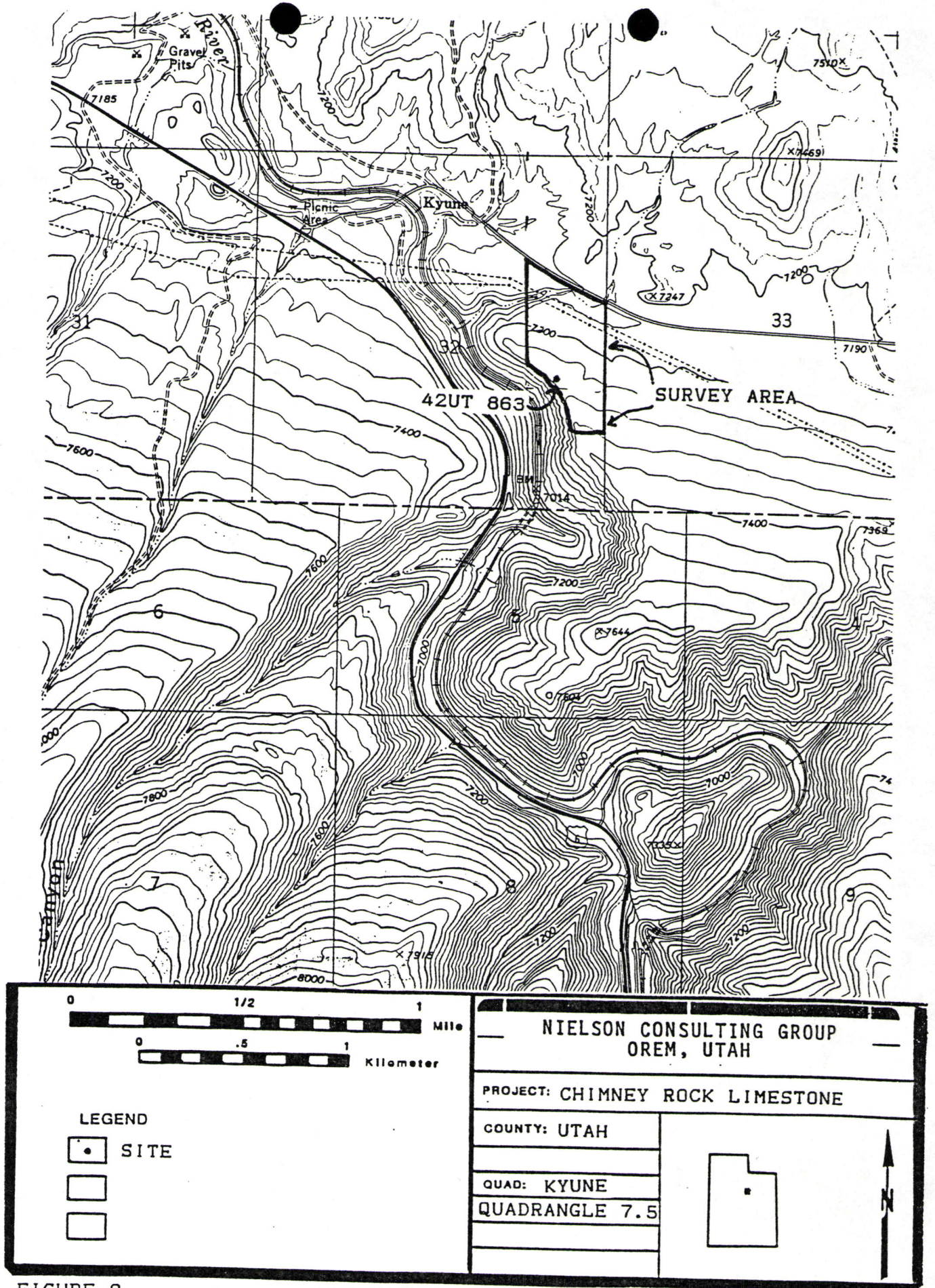


FIGURE 2

PROJECT/SITE LOCATION

RESEARCH REPORT NO. U92-49

**A CULTURAL RESOURCE INVENTORY OF THE CHIMNEY ROCK RESOURCE
LIMESTONE QUARRY IN UPPER PRICE CANYON, UTAH COUNTY, UTAH**

BY

ASA S. NIELSON

FOR

**CHIMNEY ROCK RESOURCES
ORANGEVILLE, UTAH**

**NIELSON CONSULTING GROUP
OREM, UTAH**

UTAH STATE PROJECT AUTHORIZATION NO. U92-NP-453S

AUGUST 27, 1992

ABSTRACT

Nielson Consulting Group has completed a cultural resource inventory of the proposed Chimney Rock Resource limestone quarry in Upper Price Canyon, Utah County, Utah. A single historic sheep camp was recorded on the southwestern edge of the property. Site 42Ut 863 is not significant. The project will have no effect on the region's cultural resource data base. No further research or mitigation is recommended.

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**A CULTURAL RESOURCE INVENTORY OF THE CHIMNEY ROCK RESOURCE
LIMESTONE QUARRY IN UPPER PRICE CANYON, UTAH COUNTY, UTAH**

INTRODUCTION

On August 20, 1992, Nielson Consulting Group completed a cultural resource inventory of the proposed Chimney Rock Resource limestone quarry in Upper Price Canyon, Utah County, Utah. The 65 acre property will be developed for strip mining of commercial grade limestone. The inventory was requested by Mr. Steven Powell, President of Chimney Rock Resources. The inventory was completed by Asa S. Nielson, Principal Investigator for Nielson Consulting Group (NCG), assisted by Andy Elkins. Field conditions for the inventory were excellent with near 100% ground visibility. The inventory was completed under Utah State Project Authorization No. U92-NP-453S.

LOCATION

The proposed limestone quarry is located about 19 mile northwest of Price, in Upper Price Canyon, Utah County (Figure 1). Specifically, the 65 acre quarry is in the SW2/3 SE1/4 NE1/4 and the NE3/4 NE1/4 SE1/4 of Section 32, T.11S R.9E (Figure 2-Kyune Quadrangle Utah 7.5 Minute Series Topographic).

ENVIRONMENT

GEOLOGY-The proposed limestone quarry is within the Book Cliffs-Roan Plateau Subsection of the Colorado Plateau (Stokes 1977:4). The quarry is located at the west edge of Emma Park, a distinctive bench area found between the entrenched Price River to the south and the base of the Book Cliffs to the north. The quarry area is a tilted and block faulted exposure of Cretaceous/Paleocene North Horn/Canaan Peak Formations and Paleocene/Eocene Flagstaff limestone (Hintze 1980). The project area is tilted from south to north and the tilt has resulted in heavy erosion of soil from the harder underlying limestone. In most places there is no soil, leaving only the exposed bedrock. The only deep soil within the survey area is located along the sides of a small drainage that cuts across the base of the limestone exposure on the north side of the quarry. The soil is limited to a small amount of loam that covers 6-8 feet of hard pack clay and fine gravel.

FLORA-The project area is within the Transitional Life Zone-Big Sagebrush Plant Community. A light scatter of juniper is found at the highest elevations on the western edge of the quarry. Vegetation observed on the property included big sagebrush, rabbitbrush, broom snakeweed, service berry, juniper, bitterbrush, rice grass, cacti and daisy. The area has been heavily grazed and the recent drought has probably acted to reduce vegetation.

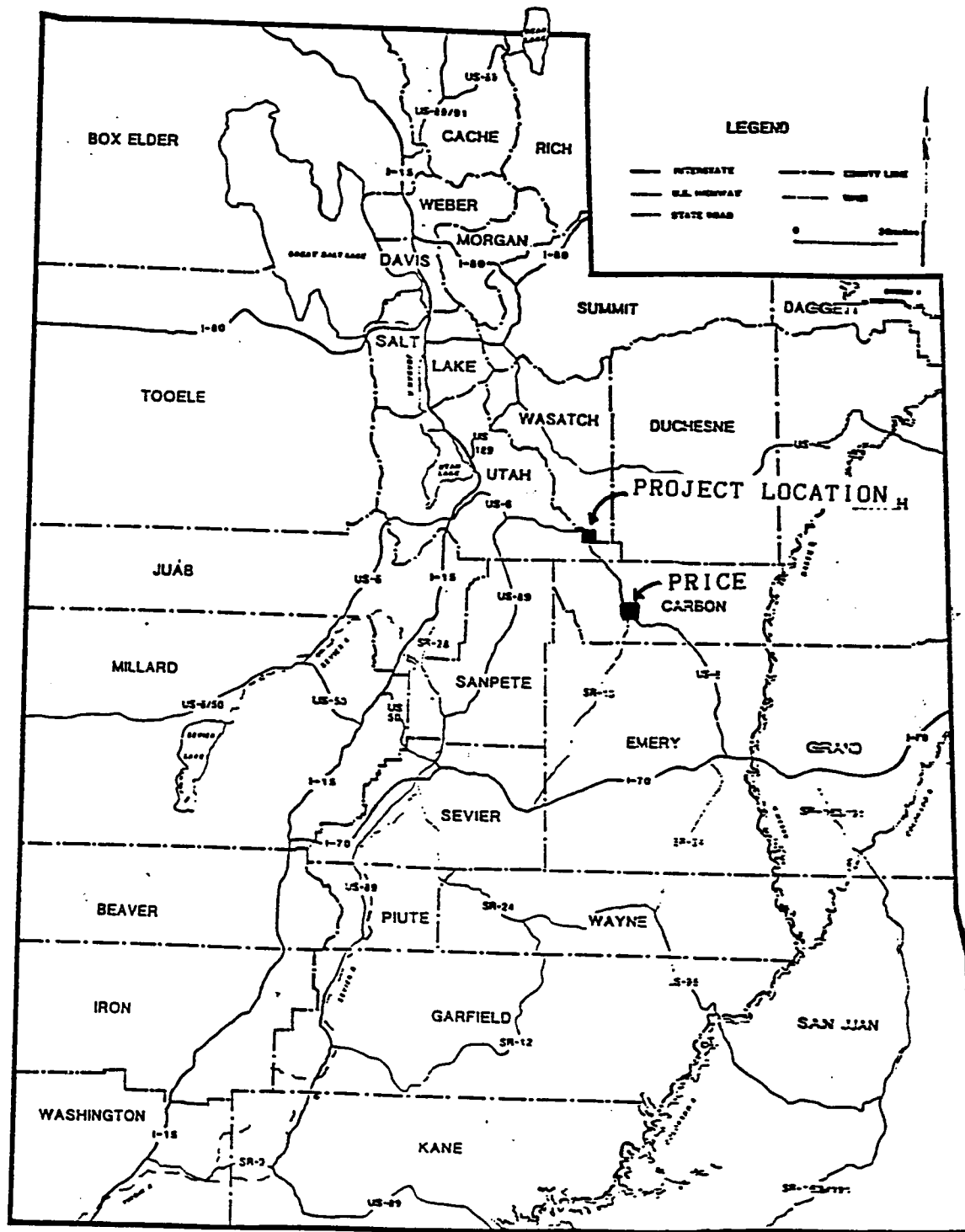


FIGURE-1
GENERAL PROJECT LOCATION

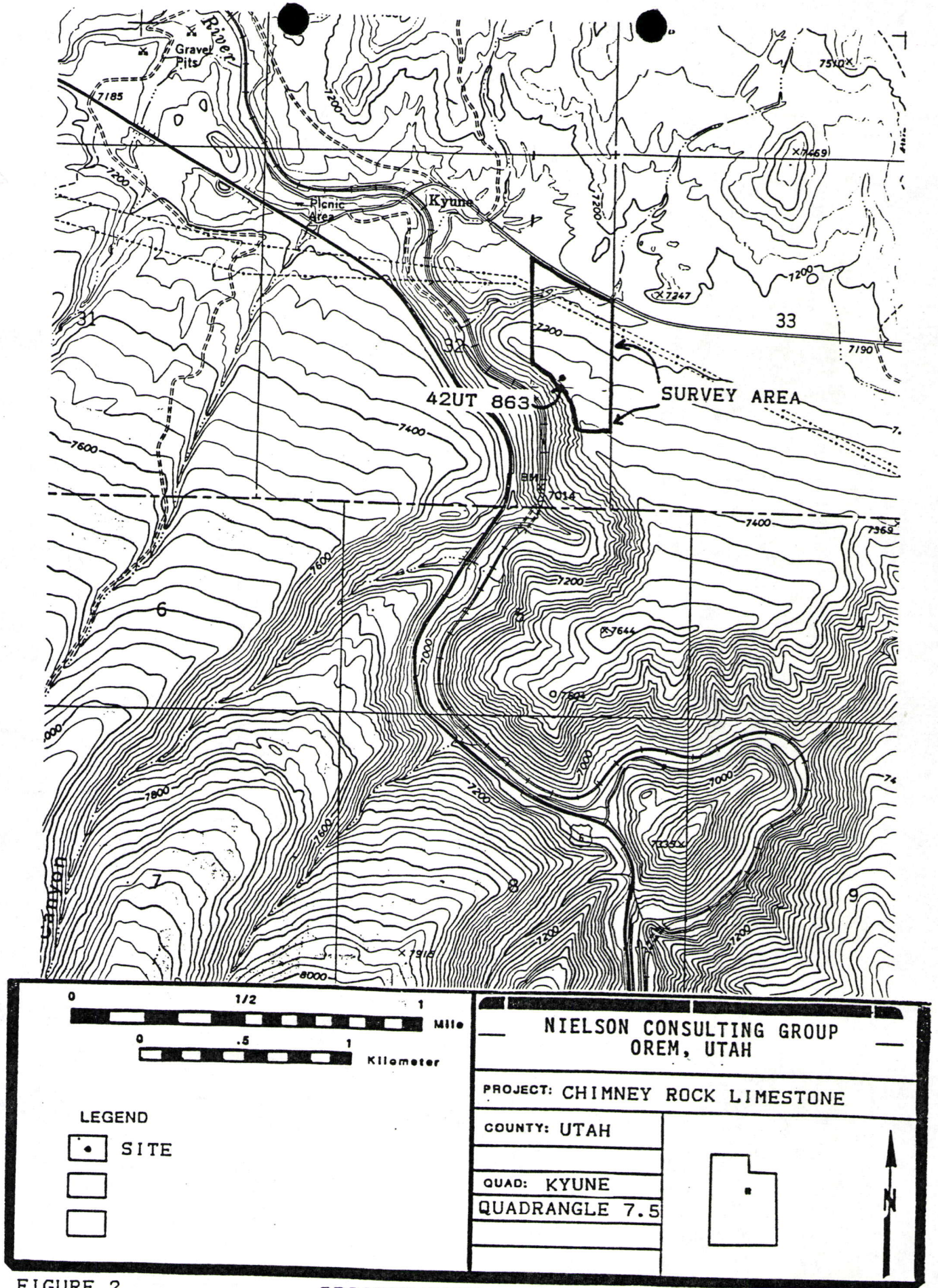


FIGURE 2

PROJECT/SITE LOCATION

FAUNA-The proposed limestone quarry is on the edge of the Northern Great Plains Faunal Area-Uinta Basin Province:Duchesne Subcenter. This subcenter is defined by the presence of several unique subspecies of small mammals, primarily rodents. It shares major fauna with nearby subcenters. Fauna observed during the inventory was limited to mountain cottontail rabbit, a single mule deer, pinyon jay, common crow, golden eagle, Least chipmunk, sagebrush lizard, and horned lizard. Tracks and droppings of coyote were observed and the area is frequented in early spring and late fall by elk.

PREVIOUS RESEARCH

NCG has completed a Class I file search at the Utah State Historic Preservation Office for all of Section 32 and the surrounding area. A single project, a seismic line inventory, was reported by Brigham Young University (Talbot 1985). A single historic trash scatter was reported in Section 33, nearly .4 miles to the east.

NCG has consulted with the National Register of Historic Site List published by the Utah State Historic Preservation Office (January 6, 1992). There are no sites currently listed on the National Register within the project area or within close proximity.

INVENTORY METHODS

The project boundary was marked with claim markers-large white plastic pipes, and was easily located. The inventory was completed by walking compass-guided, parallel transects over the block area. The transects were spaced about 20 m. apart.

The single cultural resource site was recorded on IMACS Site Forms and was plotted on a U.S.G.S. map. A site location/plan sketch map was drawn and the location photographed. No artifacts from the site were collected. Notes on the general geology, flora and fauna were completed as the inventory progressed.

INVENTORY RESULTS

NCG recorded a single historic site within the project area. There were no previously reported sites or isolated artifacts found within the area.

Site 42Ut 863 appears to be a small, temporary sheep camp located on the top and edge of the ridge between the limestone quarry and the north face of Price Canyon. The site is in the NE1/4 SW1/4 NE1/4 SE1/4 of Section 32, T.11S R.9E (Figure 2). The site covers an area of about 10 x 20 m. It includes a light scatter of crushed solder-sealed evaporated milk cans, potted meat and tobacco cans. There is a piece of what appears to be an

old truck running board and several pieces of clear and slightly yellow bottle glass. Beneath the east side of a juniper tree found on the east side of the site is an enclosure made from several milled planks, cut juniper posts and pieces of limestone block. Inside the 2.5 x 2.5 m enclosure were several pieces of wire and two crushed cans. There are no other features at the site. Trowel probing in the site and enclosure failed to note any subsurface remains. The site is on a thin deposit of residual soil and exfoliated limestone. A single juniper tree, sagebrush, bitterbrush and grasses cover the site.

The site is probably related to livestock herding. There is a possibility that the site is related to hunting or other recreation. The site lacks depth, association with known persons, ethnic groups or historic events. The material remains are not unique. The site has no data recovery potential beyond recording and is not significant.

NATURE OF PROPOSED IMPACTS

Chimney Rock Resources will develop a commercial limestone quarry at the survey location. The quarry activity will require removal of the thin top soil (where it exists) and stripping of the 5-7 foot thick layer of limestone. Top soil will then be replaced and the area rehabilitated. There is a good possibility that site 42Ut 863 will be destroyed.

PROJECT RECOMMENDATIONS

There are no known National Register quality cultural resources within the project area. It is the opinion of NCG that site 42Ut 863 is not significant and that development of the limestone resource by Chimney Rock will have no effect on the region's cultural resource data base. No further research or mitigation is recommended. It is suggested that the State of Utah consider the following stipulations for the project:

- 1) That personnel and equipment associated with the quarry activity be limited to the area inventoried;
- 2) that personnel associated with the project refrain from disturbing any cultural resources that may occur near the quarry area; and
- 3) that should any as yet undiscovered cultural resources be found during the development of the project, activities in the effected area(s) should cease and the Utah State Historic Preservation Office be notified immediately.

REFERENCES CITED

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